

FORM PTO-1390 (REV. 02-2005)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 40072-0025	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 107561200	
INTERNATIONAL APPLICATION NO. PCT/JP2004/008625		INTERNATIONAL FILING DATE June 18, 2004		PRIORITY DATE CLAIMED June 18, 2003	
TITLE OF INVENTION CRYSTALLINE CARBAPENEM INTERMEDIATE					
APPLICANT(S) FOR DO/EO/US Kazuhiro AIHARA; Toshifumi HASEGAWA; Shinichi KITAHARA; Takashi WATANABE; Takashi ANDO; Takehiko SAWABE; Eiki SHITARA; Kunio ATSUMI; Kasumi OTA					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> A English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> had been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 					
Items 11 to 20. below concern document(s) or information included:					
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 132 and 37 CFR 1.821-1825 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4) 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Copy of PCT/ISA/210; PCT/IB/308; PCT/IB/301; PCT/IB/304 					

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.7) 10/5/01 200		INTERNATIONAL APPLICATION NO. PCT/JP2004/008625		ATTORNEY'S DOCKET NUMBER 40072-0025	
21. The following fees are submitted: <input checked="" type="checkbox"/> a) Basic national fee.....\$300.00 <input checked="" type="checkbox"/> b) Examination fee\$200.00 <input checked="" type="checkbox"/> c) Search fee.....\$500.00 TOTAL OF ABOVE CALCULATIONS =				CALCULATIONS PTO USE ONLY	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
TOTAL SHEETS	EXTRA SHEETS	NUMBER EXTRA (of each additional 50 or fraction thereof rounded up to a whole number)	RATE		
-100 =	50 =		x \$250.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	22 - 20 =	2	x \$50.00	100.00	
Independent claims	1 - 3 =	0	x \$200.0		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.0		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					
SUBTOTAL =				1000.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	
TOTAL NATIONAL FEE =					
Fee for recording the enclose assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				40.00	
TOTAL FEES ENCLOSED =				1040.00	
				Amount to be refunded:	\$
				Amount to be charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$1,040.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment To Deposit Account No. 08-1641 A duplicate coy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:					
Customer No.: 26633			SIGNATURE		
			John P. Isacson, Reg. No. 33,715		
			NAME Date		
			REGISTRATION NO.: 33,715 December 19, 2005		

COMBINED FEE TRANSMITTAL for FY 2005 Effective 12/08/2004. Patent fees are subject to annual revision.								10/561200 19 DEC 2005 Complete if Known Application Number Filing Date First Named Inventor Examiner Name Art Unit Attorney Docket No.			
PTO/SB/17 (12-04) (Revised) (For payment of 37 CFR 1.17 fees including (f), (g), (h), & (i))								Application Number Filing Date First Named Inventor Examiner Name Art Unit Attorney Docket No.			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27								December 19, 2005 Kazuhiro AIHARA et al. To be assigned To be assigned 40072-0025			
TOTAL AMOUNT OF PAYMENT (\$)								1,040.00			
METHOD OF PAYMENT (check one)								FEE CALCULATION (continued)			
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Deposit Account <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None								4. PETITION FEES UNDER 37 CFR 1.17 (f) Fee Code: 1462 Fee \$ 400 For petitions filed under: § 1.53(e); § 1.57(a); § 1.182; § 1.183; § 1.378(e); § 1.741(b)			
Deposit Account Number: 08-1641								5. PETITION FEES UNDER 37 CFR 1.17 (g) Fee Code: 1463 Fee \$ 200 For petitions filed under: § 1.12; § 1.14; § 1.47; § 1.59; § 1.103(a); § 1.136(b); § 1.295; § 1.296; § 1.377; § 1.550(c); § 1.956; § 5.12; § 5.15; § 5.25			
Deposit Account Name: Heller Ehrman White & McAuliffe LLP								6. PETITION FEES UNDER 37 CFR 1.17 (h) Fee Code: 1464 Fee \$ 130 For petitions filed under: § 1.19(g); § 1.84; § 1.91; § 1.102(d); § 1.138(c); § 1.313; § 1.314			
The Commissioner is authorized to: (check all that apply)								7. PROCESSING FEES UNDER 37 CFR 1.17 (i) Fee Code: 1808 (1803 for § 1.221) Fee \$ 130 For petitions filed under: § 1.28(c)(3); § 1.41; § 1.48; § 1.52(d); § 1.53(b)(3); § 1.55; § 1.99(e); § 1.103(b); § 1.103(c); § 1.103(d); § 1.217; § 1.221; § 1.291(c)(5); § 1.497(d); § 3.81			
<input type="checkbox"/> Charge fee(s) indicated below								8. OTHER FEES			
<input checked="" type="checkbox"/> Credit any overpayments and charge any deficiencies								Entity Fee (\$)			
<input type="checkbox"/> Charge any additional fee(s) during the pendency of this application								Entity Fee (\$)			
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the deposit account								Fee Description			
FEE CALCULATION								Fee Paid			
1. BASIC FILING, SEARCH, AND EXAMINATION FEES											
FILING FEES											
SEARCH FEES											
EXAMINATION FEES											
Application Type											
Entity Fee (\$)											
Small Entity Fee (\$)											
Entity Fee (\$)											
Small Entity Fee (\$)											
Entity Fee (\$)											
Small Entity Fee (\$)											
Fees Paid (\$)											
Utility								300 150 500 250 200 100 900.00			
Design								200 100 100 50 130 65			
Plant								200 100 300 150 160 80			
Reissue								300 150 500 250 600 300			
Provisional								200 100 0 0 0 0			
SUBTOTAL (1)								900.00			
2. EXTRA CLAIM FEES											
Entity Fee (\$)											
Small Entity Fee (\$)											
Fee Description											
50 25								Each claim in excess of 20 or, for Reissues, each claim in excess of 20 and more than in the original patent			
200 100								Each Independent claim in excess of 3 or, for Reissues, each independent claim more than in the original patent			
360 180								Multiple dependent claim, if not already paid			
Extra Claims								Fee from above			
Fee Paid											
Total Claims								22 -20** = 2 x 50.00 = 100.00			
Independent Claims								1 -3** = 0 x =			
**or number previously paid, if greater; For Reissues see below											
Multiple Dependent											
SUBTOTAL (2)								100.00			
3. APPLICATION SIZE FEE											
If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof (round up to the whole number). See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s)											
Total Sheets								Extra Sheets			
Number of each additional 50								Fee (\$)			
Small Entity Fee (\$)											
-100 = /50 = x 250 OR x 125											
SUBTOTAL (3)								\$			
SUBMITTED BY								Complete (if applicable)			
Name (Print/Type)								John P. Isacson			
Registration No. (Attorney/Agent)								33,715			
Telephone								202-912-2000			
Signature								Date			
December 19, 2005								Customer No.			
26633											